

Title (en)  
BACKREST PROVIDED WITH A SUPPORT FOR FASTENING A WEIGHT POCKET

Title (de)  
RÜCKENLEHNE MIT EINER STÜTZE ZUR BEFESTIGUNG EINER GEWICHTSTASCHE

Title (fr)  
DOSSIER MUNI D'UN SUPPORT POUR FIXER UNE POCHE DE POIDS

Publication  
**EP 4180317 A1 20230517 (EN)**

Application  
**EP 22200758 A 20221011**

Priority  
IT 202100028805 A 20211112

Abstract (en)  
A backrest for a scuba diver (1) comprising a shaped plate (2) for supporting at least one air cylinder, at least a first strap (3) comprising an upper right portion (3A1) configured to fit around the scuba diver's right shoulder, an upper left portion (3A2) configured to fit around the scuba diver's left shoulder and a lower portion (3B) configured to fit around the scuba diver's abdomen, wherein the shaped plate (2) has a first right slide-through element (2D) and a first left slide-through element (2S) adapted to connect the upper right portion (3A1) and the upper left portion (3A2), respectively, to the lower portion (3B) of the first strap (3), at least one weight pocket (10) constrained to the lower portion (3B) of the first strap (3), wherein there is provided an anti-torsion means connecting the at least one weight pocket (10) to the shaped plate (2) and configured to oppose the torsion of the first strap (3) in proximity to at least one of the first slide-through elements (2D, 2S).

IPC 8 full level  
**B63C 11/02** (2006.01); **B63C 11/30** (2006.01); **B63C 11/22** (2006.01)

CPC (source: CN EP US)  
**B63C 11/02** (2013.01 - EP US); **B63C 11/30** (2013.01 - CN EP); **B63C 2011/026** (2013.01 - EP US); **B63C 2011/2281** (2013.01 - EP); **B63C 2011/303** (2013.01 - EP)

Citation (search report)  
• [A] US 3957183 A 19760518 - GADBERRY DONALD L  
• [A] US 4779554 A 19881025 - COURTNEY WILLIAM L [US]

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**EP 4180317 A1 20230517**; **EP 4180317 B1 20240403**; CN 116118979 A 20230516; IT 202100028805 A1 20230512; US 12054230 B2 20240806; US 2023150626 A1 20230518

DOCDB simple family (application)  
**EP 22200758 A 20221011**; CN 202211265972 A 20221017; IT 202100028805 A 20211112; US 202217969789 A 20221020